

Senate bill includes NDSU research funding

The Senate Appropriations Committee's new defense spending bill includes millions of dollars for research at NDSU. The \$317 billion bill contains the largest boost ever in research funding for a North Dakota university, according to U.S. Senator Byron Dorgan.

Among the provisions are \$30 million for nano-electronics centers at NDSU and the University of Alaska to package microchips and micro-sensors for military applications.

The polymers and coatings department would receive \$8 million for new research programs under the bill. Of that amount, \$5 million would go to the department and a small Silicon Valley company to demonstrate how a new commercial technology can more quickly and efficiently develop and test polymers and formulations for anti-corrosion coatings. The other \$3 million would be used by the department and the University of Dayton in a joint effort with the Air Force on coatings and corrosion.

Another \$1.5 million is planned for NDSU and the Air Force to continue existing research in polymers and coatings and chemistry for ways to prevent corrosion in aging aircraft.

Other North Dakota projects include \$1.25 million for the University of North Dakota to train Army helicopter pilots, funding to block efforts to reduce the number of B-52 bombers at Minot Air Force Base, repairs at the Grand Forks Air Force Base, projects for companies in Fort Totten and Killdeer and funds to encourage the development of wind energy.

Dorgan said the NDSU research will benefit the military, but also can be transferred to commercial uses. "These projects are an integral part of our nation's defense and also of our state's economy," Dorgan said of the North Dakota projects included in the bill.

Philip Boudjouk, vice president for research, creative activities and technology transfer, said the research funding is a recognition of NDSU's expertise and equipment. He said NDSU is the only university in the country with some of the equipment required for the high-tech work.

"Some of these technologies are really quantum jumps in the capabilities they provide—not only for NDSU, but for the region," Boudjouk said.

According to Gordon Bierwagen, professor and chair of polymers and coatings, "One of the funds for our department is for support for the continuation of present work. We're excited and proud that Sen. Dorgan is helping us continue and grow our corrosion program.

"In addition, the \$5 million grant would allow us to be one of the few universities in the country to get equipment and methodologies for what is called combinatorial chemistry techniques," Bierwagen said. "We'd apply it to polymer synthesis and materials in formulated product design and manufacturing. It would take a normal polymers synthesis practice, which would be one to two per week, and speed it up to 100-200 samples per week. The \$3 million corrosion/coatings program is for a new joint effort with the University of Dayton Research Institute on better coatings for military aircraft, especially aging Air Force aircraft."

The bill must next clear the full Senate and the House, and be signed by the president.

You're invited to

PRESIDENT CHAPMAN'S

Holiday Open

House

2-4 p.m.

Monday, Dec. 17

Old Main

Scandinavian buffet set for Jan. 16

The annual Scandinavian buffet is scheduled for 10:30 a.m.-1 p.m.

Wednesday, Jan. 16., in the Memorial Union Ballroom. Call Kristina at 1-8122 for reservations.

TIAA-CREF appointments offered

A representative from TIAA-CREF will be available for a limited number of one on one appointments Thursday, Dec. 13. All appointments will be held at the Alumni Center. To schedule an appointment, visit TIAA-CREF's Web site at <https://ifs2.tiaa-cref.org/cgi-bin/WebObjects/ARS>, or call Carolyn at 800-842-2009.

Art sale set for Dec. 14

The Department of Visual Arts has planned its annual holiday ceramics and sculpture sale for noon-6 p.m. Friday, Dec. 14, in the Art Quonset at the corner of 12th Avenue North and Bolley Drive. A portion of the proceeds will be used to buy supplies for the ceramics department.

Next Issue

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Penny Wars raise funds for Toys for Tots

The Department of Residence Life sponsored the 2001 "Penny Wars" through Dec. 9 to raise money for the U.S. Marine Corps Reserve's Toys for Tots program. The annual event was a competitive fund raiser among NDSU's 10 residence halls.

In Penny Wars, each donated penny counts as one positive point, while other coins and bills are listed as negative points. Students try to give other residence halls negative points, while contributing pennies to their own hall's collection jar. The 2001 contributions were not available at press time, but last year, the competition raised more than \$800.

"It's a great thing to do and a wonderful way for our campus to get involved during the holidays," said sophomore Sethrena Stigen, who helped organize this year's event. "It's a game where we all compete for a good cause."

Stigen said students will use the contributed funds to purchase toys on Dec. 15 at the 13th Avenue South Target Store and West Acres Kay-Bee Toy and Hobby Shop.

Toys for Tots was established in 1947 with the support of members of the Los Angeles Marine Corps Reserve Unit. Expanded to include the entire nation in 1948, the program collects and distributes an average of 8 million toys each holiday season.

Pharmacy scholarship awards exceed record

More than \$129,000 was awarded to 132 pharmacy and nursing students at the College of Pharmacy's student recognition awards ceremony held Nov. 7 at the Fargodome.

Each year, the program brings students, faculty, staff, parents and donors together to recognize the academic achievements of the student scholarship recipients and to thank donors for their support. Approximately 400 people attended the event.

"This is the sixth consecutive year that the college has broken a record in the scholarship dollars awarded to students. Our scholarship program has grown from \$38,000 in 1996 to its current level of over \$129,000," said Charles Peterson, dean of pharmacy. According to Peterson, the number of student scholarship awards has more than doubled from 63 since its inception five years ago to 132 this year.

"I am excited about the progress we have made in providing financial assistance to our students," said Peterson. "Hopefully, we can keep the momentum going in the years ahead."

A pharmacy and nursing career fair also was held the same day. Approximately 50 exhibitors from several areas of professional practice were in attendance. The college plans to make the career fair an annual event.

Development Foundation accepting grant applications

The application deadline for NDSU Development Foundation Grants and Awards is Dec. 21. Grants from three endowment funds are available for the 2001-02 academic year.

The Centennial Endowment Fund supports professorships, scholarships, biotechnology, faculty development, libraries and cultural arts. The NDSU Development Foundation Board of Trustees Endowment supports general programs across campus. The NDSU Development Foundation Libraries Endowment supports requests from any academic unit on campus for materials that will enhance the collections and/or operations of university libraries.

Faculty and staff can obtain copies of application forms for all three endowments in the deans' offices of their college, or by e-mail to jmonson@gwmail.nodak.edu.

Memorial Union operating hours during semester break

The Memorial Union will observe the following hours during the semester break:

- Friday, Dec. 21—Service areas close at 4 p.m. for commencement. Building is open until 5:30 p.m.
- Saturday and Sunday, Dec. 22-23—Closed
- Monday, Dec. 24—Building hours are 8 a.m.-noon including Service Center (copy shop, Information Desk, tickets and check cashing); Recreation Center closed
- Tuesday, Dec. 25—Closed
- Wednesday-Friday, Dec. 26-28—Building hours are 8 a.m.-5 p.m.; Service Center hours are 8 a.m.-4 p.m.; Recreation Center closed
- Saturday and Sunday, Dec. 29-30—Closed
- Monday, Dec 31—Building hours are 8 a.m.-5 p.m.; Service Center hours are 8 a.m.-4 p.m.; Recreation Center closed
- Tuesday, Jan. 1—Closed
- Wednesday-Friday, Jan. 2-4—Building hours are 8 a.m.-5 p.m.; Service Center hours are 8 a.m.-4 p.m.; Recreation Center closed
- Saturday and Sunday, Jan. 5-6—Closed
- Monday, Jan. 7—Normal hours resume

Network seeks clothing donations

The Volunteer Network, a service-learning program at NDSU, is sponsoring a professional women's clothing drive until Friday, Dec. 14. "Gently worn" clothing (especially in plus sizes) may be donated at the Student Activities Office, Memorial Union 360.

All clothing donations will be distributed to Dress For Success, a program that helps low-income women transition into the work force. A client who is referred to Dress for Success receives one suit for her interview and a second suit when she secures a position. The client also will receive three to five additional outfits for her first week of work, with the intention to supply a week's wardrobe without straining the person's current financial situation.

Dress for Success accepts clean, seasonal career clothes, jewelry, handbags, accessories, undergarments and shoes. For more information about the clothing drive, call 1-8566. More information on Dress for Success, is at www.dressforsuccess.org.

NDSU Libraries interim hours announced

NDSU Libraries begin interim hours Saturday, Dec. 22. Main Library hours are:

- Saturday and Sunday, Dec. 22-23—Closed
- Monday, Dec. 24—8 a.m.-noon
- Tuesday, Dec. 25—Closed
- Wednesday-Friday, Dec. 26-28—8 a.m.-5 p.m.
- Saturday and Sunday, Dec. 29-30—Closed
- Monday, Dec. 31—8 a.m.-5 p.m.
- Tuesday, Jan. 1—Closed
- Wednesday-Friday, Jan. 2-4—8 a.m.-5 p.m.
- Saturday and Sunday, Jan. 5-6—Closed
- Monday, Jan. 7—8 a.m.-5 p.m.

Architecture, chemistry, health sciences and Institute for Regional Studies branch libraries will follow the same schedule, but will close at 4:30 p.m. Regular academic hours for all libraries resume Tuesday, Jan. 8.

A current listing of hours is found on the Libraries' Web page at www.lib.ndsu.nodak.edu, by using the HRS command on the online catalog, or by calling the information tape at 1-9456.

People

Human development and education faculty give presentations

Several members of the faculty of the College of Human Development and Education recently gave presentations at professional conferences and annual meetings.

Steve Hundley, assistant professor in the School of Education, was the keynote speaker for the Region V conference of the North Dakota Federation of Families held in Fargo. The organization works to provide information, education and support for families of children who have special education needs.

Justin Wageman, assistant professor in the School of Education, and Anissa Wilhelm, assistant professor in the School of Education, recently presented "Who Moved Our Teacher Education Program?" at the Collaboration for the Advancement of College Teaching and Learning. The presentation was based on the portfolio assessment process that is now being used to assess student learning and readiness to enter the teaching profession in the School of Education. The teacher education program is based on the Interstate New Teacher Assessment and Support Consortium (INTASC) standards.

Everett Bailey, assistant professor of child development and family science, and Elizabeth Leno-Buck, graduate assistant, presented a research paper on "Parents' Experiences in Their Children's Therapy" at the American Association of Marriage and Family Therapy annual conference in Nashville, Tenn.

Debb Pankow, family economics extension specialist, recently received a letter recognizing the acceptance of her Money 2000 report for inclusion on the USDA-CSREES Family Development and Resource Management Web site. The data base was set up to share outstanding programs from across the country in family development and resource management. All reports selected as Program of Excellence reports must show impact data significant to the program. Information can be accessed at www.reeusda.gov/f4hn/fdrm/fdrm.htm, where Pankow's program submission will be added soon.

Sean Brotherson, assistant professor of extension child development and family science, presented two papers at the annual conference of the National Council on Family Relations in Rochester, N.Y. He presented on his research involving parental experiences with child loss. The first was "Coping with a Child's Death: Spiritual Issues and Therapeutic Implications" and the second was "Impacts of Child Loss on Parental Identity." During the conference, Brotherson also was selected to a three-year term on the NCFR Public Policy Committee, representing the International and Family Science sections of the organization.

Faculty members Holly Bastow-Shoop, Linda Manikowske, Robyne Williams, Sara Sunderlin and Ann Braaten attended the International Textile and Apparel Annual Conference in Kansas City, Mo. The following research projects were presented as poster sessions for the conference: "Economic Opportunities for New Americans: Skill development for the Sewn Product Industry" by Manikowske, Bastow-Shoop and Braaten; and "A Needs Assessment and Profile of North Dakota Apparel Product Manufacturers" by Sunderlin and Williams.

Julie Garden-Robinson, assistant professor of extension food and nutrition, presented the results of a research project, "The Cyber Challenge: The Effects of an Internet-based Distance Education Program on the Reported Fruit and Vegetable Consumption of Seventh and Eighth Graders in North Dakota" at the national meeting of the American Dietetic Association in St. Louis. Co-authors were Rene Witt, former NDSU graduate student, and Barbara North, retired faculty member.

Margaret Fitzgerald, assistant professor of child development and family science, and Glenn Muske, Oklahoma State University, will present the paper "Copreneurs as Family Businesses: Evaluating the Differences by Industry Type" at the United States Association of Small Business and Entrepreneurs (USASBE) annual conference. The peer-reviewed paper also will be published in the conference proceedings. The data is from the 1997 National Family Business Survey conducted through the NE-167 Regional Research Project on Family Businesses.

Tom Barnhart, professor of health, nutrition and exercise sciences, recently gave a presentation at the National Parks and Recreation Congress on "The Master Planning Process in Parks and Recreation." More than 250 participants attended the presentation.

Schmieg, Hetland named to All-Region volleyball team

The Bison volleyball team placed two players on the 2001 Daktronics Inc. All-North Central Region Volleyball Team.

Outside hitter Rachael Schmieg, a senior from Chaska, Minn., was named to the first team, while middle hitter Alanna Hetland, a senior from Watertown, S.D., was a second team selection.

The squad is selected by members of College Sports Information Directors of America.

Faculty member is father of quintuplets

Michael Christoffers, assistant professor of plant sciences, and his wife, Collette, are the parents of what is believed to be the first set of healthy quintuplets born in Minnesota. The three boys and two girls were born Dec. 3 at Abbott Northwestern Hospital, Minneapolis, and then transferred to Children's Hospitals and Clinics, Minneapolis.

"I want to thank everyone for all the support and messages of congratulations," Christoffers said. "We have a lot of support here on campus and we appreciate that."

The babies—Jacob, Bethany, Robert, Kevin and Alyssa—weighed between 1 pound, 10 1/2 ounces and 1 pound, 15 ounces at birth. Their lengths ranged from 13 1/4 inches to 13 3/4 inches. They were born 15 weeks prematurely.

The plant sciences department and the Christoffers' church, Our Redeemer Lutheran Church, Moorhead, are organizing volunteers to help when the children come home from the hospital.

The NDSU contact is Edward Deckard, professor of plant sciences, who can be reached at 1-8139. He said some of the volunteer tasks include rocking and feeding the babies, preparing meals or helping around the house.

"We're starting a list so that people can indicate the type of talent that they would like to volunteer," Deckard said. "Some may feel comfortable with a premature baby, while others may not. But, there are so many other things needed. With babies at home, you can't run errands or blow snow, so there are a lot of services and talents that volunteers can provide."

Deckard said he is hopeful enough people volunteer so that individuals would only need to assist once or twice each month.

Christoffers said the best outlook for the quintuplets coming home is in late February or early March. "I love each one of them now and I can't think of life without them already," he said. "It's still a little overwhelming."

The 29-year-old mother and 32-year-old father also have a three-year-old daughter, Emily.

State forester leads national association



Kotchman

Larry A. Kotchman, state forester, recently was elected president of the National Association of State Foresters (NASF). He is the first North Dakota state forester to serve in the position.

The non-profit organization represents the directors of the state forestry agencies from all 50 states, the District of Columbia and eight territories, commonwealths and freely associated Pacific Islands (American Samoa, the Federated States of Micronesia, Guam, the Northern Mariana Islands, Palau, Puerto Rico, Republic of the Marshall Islands and the U.S. Virgin Islands).

As state forester, Kotchman is responsible for the administration of the North Dakota Forest Service, a \$3.5 million budget and directs all forestry programs, including the state tree nursery with 45 seasonal employees and an annual production of 1.2 million seedlings.

Kotchman is a graduate of the Senior Executive Fellows Program at the Kennedy School of Government at Harvard University. He served two terms as chair of the Council of Western State Foresters and was the recipient of the 1992 North Dakota Governor's Award for Excellence in Public Service.

A native of Cavalier, N.D., he graduated from the University of Minnesota, St. Paul and from North Dakota State University-Bottineau. He and his wife, Alice, reside in Bottineau and have two children.

NASF helps develop policy and guidelines for core programs that provide management assistance and protection services for over two-thirds of the nation's forests. Private landowners, who operate under a wide variety of goals and circumstances, own more than 70 percent of the nation's forests. State foresters provide technical, educational and financial assistance to help the landowners achieve objectives in an environmentally beneficial way.

The association maintains an office in Washington, D.C., where staff members are actively involved in legislative and legal issues affecting forest management in the United States. For more information about NASF, visit www.stateforesters.org.

Naughton receives Best Practices award

Cynthia Naughton, clinical assistant professor in pharmacy practice, was one of six people nationwide selected to receive the American Society of Health System Pharmacists' (ASHP) Best Practices in Health System Pharmacy Management Award for her application, "Implementation of Pharmaceutical Care Services in a Renal Dialysis Unit." Naughton and the five other recipients were recognized at the ASHP clinical mid-year meeting held Dec. 5 in New Orleans.

The award program is a national competition that recognizes innovation and outstanding leadership in health-system pharmacy practice management and pharmaceutical care. Applicants must be member of ASHP practicing in a health system setting such as acute care, ambulatory care clinic, home health care, long-term care and outpatient pharmacy to be eligible. An independent panel of experts evaluates the applications, and recipients present a summary of their practices at an ASHP symposium.

Naughton joined NDSU in July 2000. She teaches nephrology, has established an active clinical practice and is a preceptor for pharmacy students on clinical rotations. She received bachelor's and master's degrees in pharmacy, and a Pharm.D. all from NDSU. She has several years of pharmacy clinical experience, and currently is pharmacy clinical coordinator at Dakota Heartland Health System, Fargo.

Naughton also teaches a nursing pharmacology course for the NDSU/Concordia Tri-College Nursing Program.

Six Bison named to All-Midwest team

Six Bison football players were selected for the Division II All-Midwest Region team.

Senior tight end Jared Peck, senior defensive lineman Leif Murphy and senior punter Aaron Pederson were named to the first team. Junior offensive tackle Chuck Klabo, senior running back Lamar Gordon and senior linebacker Andrew LeClair were second team selections.

Olympic torch relay to include two NDSU students

Two NDSU students are scheduled to participate in the Olympic torch relay Jan. 28 near Billings, Mont. Senior Brian Ziegler and freshman Craig Kilber have each been selected to carry the 3-pound torch.

The torch is on an 80-city, 46-state tour before being used to open the 2002 Winter Olympics in Salt Lake City on Feb. 8. About 11,500 people are walking and running with it during its 13,500-mile journey

"The Olympic torch is a symbol of the whole world coming together," said Ziegler, son of Larry and Caroline Ziegler, Dickinson, N.D. "This is probably one of the most memorable things I'll ever do. The Olympics come only a few times in a lifetime and now I'm part of it."

Ziegler, a civil engineering major, was nominated online by his sister, Kristi, who wrote of her brother overcoming three knee operations to play high school football.

"I'm only carrying the torch for one-fifth of a mile, so I don't need to go into training or anything," Ziegler explained. "I can carry it however I want—I can walk or jog. I think I'll decide when I get there."

Kilber, the son of Keith and Pat Kilber, Dickinson, N.D., is a political science major. He was nominated by his mother because he was the captain of his high school cross country team that won the 2000 state title.

"This a great honor to be among the few selected to participate in the torch relay. It is going to be one of the highlights of my life, and I feel lucky to take part in this," Kilber said. "I look up to the Olympic athletes and their morals and beliefs. They serve as role models for me."

The torch arrived in the United States Dec. 4 from Athens, Greece. The relay began in Atlanta and will include every state except North Dakota, South Dakota, Minnesota and Hawaii.

Faculty member named to public opinion research post

Douglas Blanks Hindman, associate professor of communication, was elected during the recent annual meeting of the Midwest Association for Public Opinion Research (MAPOR) to serve as the 2001-02 program co-chair.

In the position, Hindman is responsible for obtaining corporate sponsorships for next year's annual conference to be held in Chicago in November 2002. Hindman will become program chair for the 2003 conference.

MAPOR is a 120-member organization devoted to advancing public opinion research. The organization is comprised of public opinion researchers from academic institutions, polling firms and university survey research labs from throughout the United States. MAPOR is a regional chapter of the American Association for Public Opinion Research (AAPOR).

Students attend campus activities conference, win awards

During October, 13 NDSU students, many from Campus Attractions, attended the regional National Association for Campus Activities conference in Sioux Falls, S.D. The conference is geared to students and staff who are engaged in leadership activities and programming events on college campuses.

Campus Attractions won two graphics competition awards—first place for a one-color poster and second place for a multi-color poster.

Jenn Heinzen and Megan O'Rourke presented an outline of the Campus Attractions Leadership Program, which was recognized as the outstanding leadership development program in the region.

Kyle Tuttle and Stacey Olson from Olson Entertainment presented a session on entertainment agent and student relations. Kelly Junker and Lance Hughes from On-Campus Booking presented a session on the cost effectiveness of using technology in campus programming. Baringthon Brudey, Tanja Leung and Sonya Nez presented a session on integrating multicultural events into campus programs.

Junker was awarded the Outstanding Student Leader of the Upper Midwest Region award for his contributions to the region by serving on the Leadership Team since January and for serving in numerous leadership positions at NDSU.

Peg Furshong has served as the business manager for the region for the past two years, and her term is ending in May 2002.

Events

NDSU's Little Country Theatre schedules holiday reunion

A reunion for alumni of NDSU's Little Country Theater is scheduled for Friday and Saturday, Dec. 28 and 29 in Fargo.

Attendees will meet at Paradiso Mexican restaurant at 6 p.m. Friday, Dec. 28, for an informal social. There is no charge.

Saturday's events include an open house at Askanase Hall scheduled for 2-4 p.m., and a Las Vegas-style evening buffet meal beginning at 5:30 p.m. at the Fargo Holiday Inn. Cost of the evening event is \$24. Reservations are required and due to Pat (Shipman) Flint at 232-1456 by Dec. 12.

Event organizers have received responses from approximately 60 people so far.

Concordia Christmas concert broadcast

"O Holy Night," the 75th annual Concordia College Christmas concert, is scheduled for broadcast at 7 p.m. Thursday, Dec. 13, on Minnesota Public Radio KCCM 91.1 FM.

The concert will include approximately 500 musicians including the Concordia Choir, the chapel, freshmen and Bel Canto choirs, Cantabile, Concordia College Orchestra and the Tintinnabula Handbell Choir.

Wellness Works seminar explores holiday stress, weight gain

"Tis the Season," a seminar on how to enjoy the holidays without the stress or the fear of weight gain, is scheduled for 3 p.m. Thursday, Dec. 13, in the Wellness Center room 166.

Licensed registered dietitian Kevin Kelly and Marlys Borkhuis, counselor, will provide some coping strategies, and all participants will receive two nutritious recipes.

For more information, contact Angie Nelson, Wellness Center assistant director of operations and promotions, at 1-7360 or Angie.Nelson@ndsu.nodak.edu.

Plant pathology special seminars announced

The Department of Plant Pathology has scheduled the following seminars beginning at 9 a.m. Wednesday, Dec. 19, at the Northern Crop Science Laboratory. Attendees are asked to use the west entrance.

- "Microscopic Analysis of Aphanomyces Cochlodes on Sugarbeet," Michael S. Metzger and John Wieland;
- "Larval Mouthparts and the Feeding Mechanism of the Orange Wheat Blossom Midge (Diptera: Cecidomyiidae)," Karin M. Gross and M. O. Harris;
- "The Complementary Surface Investigation Techniques: AFM and SEM," X.F. Yang, D.E. Tallman, S.G. Croll and B.P. Bierwagen;
- "Descriptions of Three Possible New Species of Nitzschia Hassell (Bacillariophyta) Using Light and Scanning Electron Microscopy," Megan A. Jaskowiak, Karen P. Fawley and Marvin W. Fawley.

Late night breakfast scheduled

A late night breakfast for students studying for finals has been scheduled for 9-11 p.m. Monday, Dec. 17, in the Residence Dining Center.

Residence hall staff and other faculty and staff will be in attendance to socialize with students and wish them good luck on finals. All interested faculty and staff are invited to attend or to cook and serve the breakfast.

The event is sponsored by the Department of Residence Life, the Residence Hall Association and residence hall governments.

For more information, or to participate, contact Melissa Evensen at 1-3233 or Melissa.Evensen@ndsu.nodak.edu.

Shorts and Reminders

Bromley to participate in holiday art exhibition

Kimble Bromley, associate professor of art, has been invited to participate in the Holiday Art Exhibition at the Anton Gallery in Washington, D.C. He will exhibit a number of small ink drawings surrounding his current theme, ducks. The exhibition will run through Christmas.

Holiday hours for Memorial Union Dining Services

- Monday, Dec. 24—Cafe Espresso, 7 a.m.-noon, soup and sandwiches
- Wednesday-Friday, Dec. 26-28—Cafe Espresso, 7 a.m.-2 p.m.; Grab N Go (lower level), 9 a.m.-2 p.m.
- Monday, Dec. 31—Cafe Espresso, 7 a.m.-2 p.m.; Grab N Go, 9 a.m.-2 p.m.
- Wednesday-Friday, Jan. 2-4—Cafe Espresso and Food Court (Corner Deli, More than a Burger, Ala Carte and Roll On In), 7 a.m.-2 p.m.

Union Food Court specials for Dec. 12-21

Soup of the day

Wednesday: chicken tortilla and broccoli cheese

Thursday: turkey rice and baked potato

Friday: beef noodle and tomato

Monday: California medley cheese and vegetable beef

Tuesday: cream of potato and chicken noodle

Wednesday: minestrone and cheeseburger

Thursday: Wisconsin cheese and southwestern chicken chili

Friday: clam chowder and meatball

The Corner Deli

Wednesday: All-American wrap

Thursday: chicken

Friday: roast beef

Monday: corned beef

Tuesday: turkey

Wednesday: roast beef

Thursday: turkey club

Friday: chicken

A La Carte

Wednesday: hand-carved roast beef

Thursday: pepper steak

Friday: taco salad

Monday: meat lasagna

Tuesday: chicken fried steak

Wednesday: sweet and sour pork

Thursday: hot beef and cheddar wrap

Friday: honey barbecue chicken breast

Pizza Express

Wednesday: creamy garlic chicken

Thursday: Tuscany

Friday: once around the kitchen

Monday: Hawaiian

Tuesday: farmhouse

Wednesday: meatball

Thursday: southwestern chicken

Friday: Red River

*Items are subject to change without notice. Call the Dining Services Lunch Line at 1-9501 to check out all of our daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Kristina at the Union Buffet at 1-8122.

Positions Available

Positions open and screening dates through the Office of Human Resources, Room 205, Old Main:

Cashier/#3232

12 months; 40 hours/week

6 a.m.-2:30 p.m.; M-F

Weekends as necessary; summer hours vary

Dining Services-West Dining Center

\$6.75/hour

Open until filled

Food Service Worker/#2166

12 months; 40 hours/week

11:30 a.m.-8 p.m.; M-F

Weekends as necessary; summer hours vary

Dining Services-Residence Dining Center

\$6.75/hour

Open until filled

Lead Dish Room Worker/#1069

12 months; 40 hours/week

8 a.m.-4:30 p.m.; M-F

Dining Services-Union Dining Center

\$7.25/hour

Open until filled

Custodian/#1407

10 months; 30 hours/week

3:30-10 p.m.; M-F

Dining Services-Memorial Union

\$7.85 minimum/hour

Dec. 17

Maintenance Worker/#5028

Residence Life

\$25,000 minimum/year

Dec. 12 or until filled

Research Specialist/#5111/#5118

Animal and Range Science

\$26,000+/year commensurate with education and experience

Open until filled

Residence Hall Director

Residence Life

\$22,000/year plus partially furnished apartment, meal plan and benefits

Open until filled

Pharmacist (Per Diem)

Student Health Service

Salary commensurate with experience

Open until filled

Position openings also are available through the NDSU Web site at www.ndsu.edu/jobs.

Research Opportunities

The Office of Sponsored Programs Administration in Old Main 201K announces the following funding opportunities and deadlines. For more information, refer to the Web site or contact person provided with each listing. For information about other grant opportunities, you may conduct an online funding search via SPIN, available at www.ndsu.nodak.edu/research/funding/spinplus.shtml.

Notice:

The U.S. Department of Education has amended its grant rules to increase chances for new applicants. The change takes effect Dec. 31 in time for most 2002 competitions. Grant notices will be published in the Federal Register, and will be listed on an ongoing basis on the following Web page: www.ed.gov/legislation/FedRegister/announcements/index.html.

National Science Foundation**Engineering Research Centers**

www.nsf.gov/pubs/2002/nsf0224/nsf0224.htm

Deadline: March 15 for letters of intent; May 15 for pre-proposals; Dec. 3 for full proposals

The NSF invites pre-proposals for engineering research centers that will focus on developing and validating technologies to spawn new industries or radically transform products, technologies and service delivery in current industries. The goal of the program is to educate a globally competitive engineering work force in an integrated interdisciplinary environment. NSF views centers as agents of change for industry, engineering education and the engineering community at large.

National Science Foundation**Mathematical Science and Geoscience Research Collaborations**

www.nsf.gov/pubs/2002/nsf02022/nsf02022.htm

Deadline: Feb. 25

The NSF seeks applications for interdisciplinary small group projects involving researchers in the mathematical sciences and geosciences that will exploit scientific opportunities and lay the groundwork for advances at the intersection of the disciplines. Examples of topics are novel dynamic and/or statistical approaches to the impact of ranges of dynamically active scales that are not explicitly resolvable; new approaches to representing high-dimensional dynamic systems; and research that links new insights about the internal dynamics of geosystems and novel methods of analyzing data sets. Type B projects encourage cross-discipline education by providing summer graduate training activities.

National Science Foundation**Quantitative Systems Biotechnology**

www.nsf.gov/pubs/nsf02026/nsf02026.htm

Deadline: March 1

The NSF's Engineering Directorate is inviting applications for high risk/high-return research that will yield quantitative models, quantitative analytical tools and improved experimental tools to enable scientists to relate genome-and environmental level data to a manifested phenotype. General topics of interest include mechanistic-based quantitative frameworks for assessing phenotypes based on genomic information and environmental factors; and also improved experimental screening methods and assays for building and testing quantitative frameworks.

USDA**Higher Education Challenge Grants**

Contact: P. Gregory Smith at gsmith@reeusda.gov

Deadline: Feb. 11

The Agriculture Department is inviting fiscal 2002 applications for matching grants under the Higher Education Challenge Grants program to strengthen undergraduate teaching programs in any subject area in the food and agricultural sciences. Areas are curricula design and materials development; faculty preparation and enhancement for teaching; instruction delivery systems; and student experiential learning, with an emphasis on providing opportunities for students to participate in research projects.



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www.nodak.edu/its
Dec. 12, 2001

Classroom technology request form

An online form is available to request additional classroom technology for either a new instrumented classroom or a new multimedia cart. The form also can be used to request new classroom technology initiatives. Requests may be included in the spring technology fee proposal for funding, or may be purchased with other funds should they become available. Areas that did not receive funding last year and still have a need must resubmit the information. The online form is available from the ITS homepage by clicking on "Classroom Technology." For more information, contact, Melissa Stotz, at 1-6158 or Melissa.Stotz@ndsu.nodak.edu. The submission deadline is Jan. 4.

New way to access Mail@NDSU via the Web

Beginning Jan. 2, Mail@NDSU can be accessed on the Web at <http://webmail.ndsu.nodak.edu>. The new interface, which replaces *BisonMail*, will be more functional and will allow users to access address books created in Mulberry. Questions should be directed to the ITS Help Desk at help.desk@ndsu.nodak.edu or 1-8685.

Campus forms page saves time

Staff, faculty and students can save time when trying to find online campus forms by visiting www.ndsu.edu/forms. The Web page makes available forms from several departments including accounting, human resources, physical plant and Graduate School. Forms are available in Acrobat, Word, Word Perfect, Excel and as Web formats. The page also provides a link to add Web forms to the list. Questions or comments should be directed to nancy.lilleberg@ndsu.nodak.edu.

Custom media services available

Two student graphic designers have been hired to assist students and faculty with instructional graphics. Available services include free-hand drawing, custom charts or diagrams, video capturing and editing, optimized graphics for the web, animations of processes, graphics for PowerPoint presentations, custom photography, posters, web tutorials and custom clipart. There is no cost for the services. For assistance visit www.ndsu.edu/cms.

ERP mailing list

As the Enterprise Resource Planning (ERP) project continues to evolve, updates about the project status will be distributed via an e-mail list. Those interested in receiving the latest developments and news about ERP can subscribe to the list by sending e-mail to LISTSERV@LISTSERV.nodak.edu with a blank subject line. The body of the message should read "Subscribe ERP-INFO [firstname] [lastname]." Subscribers will receive an e-mail confirming the request and will need to follow the instructions in the message to complete the subscription process. Contact the ITS Help Desk at 1-8685 if you have questions.

Calendar**December**

Through Dec. 19 Student Art Society—NDSU Juried Student Exhibition.

- 13 Northern Crop Science—Jinguo Hu, Unilever-Lipton Tomato Technology Center, Stockton, Calif., “The Application of Molecular Techniques to Crop Improvement,” 2:30 p.m., Northern Crop Science large conference room
- 13 Wellness Works seminar—“Tis the Season,” 3 p.m., Wellness Center
- 14 Plant Science graduate seminar—Shahryar Kianian, “Wheat Germplasm Enhancement,” 3:30 p.m., Loftsgard 114 (rescheduled)
- 14 Animal and Range Sciences—Hyung-ha Kim, “Congugated Linoleic Acid: Anti-carcinogenic Agent in Milk Fat,” 3:30 p.m., Hultz 104
- 15 Wrestling vs. Northern State University, 7:30 p.m., Bison Sports Arena
- 17 USDA-ARS—Robert Schaffer, Michigan State University, “Minint Arabidopsis Microarray,” 10 a.m., Biosciences Research Lab
- 17 Residence Life—Late night breakfast, 9 p.m., Residence Dining Center
- 19 Men’s basketball vs. Mayville State University, 7 p.m., Bison Sports Arena
- 20 Women’s basketball vs. Valley City State, 6 p.m., Bison Sports Arena
- 20 Men’s basketball vs. Minot State University, 8 p.m., Bison Sports Arena
- 21 Winter commencement, 4 p.m., Bison Sports Arena
- 29 Women’s basketball vs. Nebraska-Omaha, 6 p.m., Bison Sports Arena
- 29 Men’s basketball vs. University of Nebraska-Omaha, 8 p.m., Bison Sports Arena
- 30 Women’s basketball vs. Northern Colorado, 6 p.m., Bison Sports Arena
- 30 Men’s basketball vs. University of Northern Colorado, 8 p.m., Bison Sports Arena

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